

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Barak, et al.	)	Group Art Unit: 1645
	)	
Application No. 10/095,620	)	Examiner: Unassigned
	)	
Filed: March 12, 2002	)	
	)	
For: Automated Methods of Detecting	)	
Receptor Activity	)	

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

No additional fee for submission of an IDS is required.

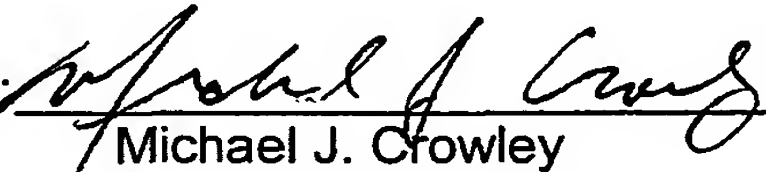
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(919) 941-9240

Date: JUNE 19, 2002

By:   
Michael J. Crowley  
Registration No. 49,009

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

ATTORNEY'S DKT No.  
033072-030APPLICATION No.  
10/095,620APPLICANT  
Barak, et al.FILING DATE  
March 12, 2002GROUP  
1645

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,684,711	B1	Agrafiotis et al.	11-04-1997
	5,670,113	B1	Akong et al.	09-23-1997
	5,574,656	B1	Agrafiotis et al.	11-12-1996
	5,324,633	B1	Fodor et al.	06-28-1994
	4,908,773	B1	Pantoliano et al.	03-13-1990
	4,324,633	B1	Lovejoy	04-13-1982
	4,219,335	B1	Ebersole	08-26-1980

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	ROBERT H. OAKLEY, et al., "Differential Affinities of Visual Arrestin, $\beta$ Arrestin1, and $\beta$ Arrestin2 for G Protein-coupled Receptors Delineate Two Major Classes of Receptors", The Journal of Biological Chemistry, June 2, 2000; pp. 17201-17210, USA
	STÉPHANE A. LAPORTE, et al., "The Interaction of $\beta$ Arrestin with the AP-2 Adaptor Is Required for the Clustering of $\beta_2$ -Adrenergic Receptor into Clathrin-coated Pits", The Journal of Biological Chemistry, July 28, 2000; pp. 23120-23126, USA
	ROBERT H. OAKLEY, et al., "Association of $\beta$ Arrestin with G Protein-coupled Receptors during Clathrin-mediated Endocytosis Dictates the Profile of Receptor Resensitization", The Journal of Biological Chemistry, November 5, 1999; pp. 32248-32257, USA
	HAN HTUN, et al., "Visualization of glucocorticoid Receptor Translocation and Intranuclear Organization in Living Cells with ah Green Fluorescent Protein Chimera", Proc. Nat'l. Acad. Sci., May 1996, Vol. 93, pp. 4845-4850, USA
	KIMBERLY L. CAREY, et al., "Evidence Using a Green Fluorescent Protein-Glucocorticoid Receptor Chimera that the RAN/TC4 GTPase Mediates an Essential Function Independent of Nuclear Protein Import", The Rockefeller University Press, XP 000670316, 1996, USA
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

 ATTORNEY'S DKT No.  
033072-030

 APPLICATION No.  
10/095,620

 APPLICANT  
Barak, et al.

 FILING DATE  
March 12, 2002

 GROUP  
1645

## U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	6,221,612	B1	Knapp et al.	04-24-2001
	6,221,600	B1	MacLeod et al.	04-24-2001
	6,219,622	B1	Schmidt	04-17-2001
	6,203,987	B1	Friend et al.	03-20-2001
	6,199,017	B1	Tomonaga et al.	03-06-2001
	6,127,133	B1	Akong et al.	10-03-2000
	6,124,102	B1	Fodor et al.	09-26-2000
	6,110,693	B1	Barak et al.	08-29-2000
	6,100,026	B1	Nova et al.	08-08-2000
	6,057,114	B1	Akong et al.	05-02-2000
	6,027,890	B1	Ness et al.	02-22-2000
	6,025,129	B1	Nova et al.	02-15-2000
	6,017,496	B1	Nova et al.	01-25-2000
	5,989,835	B1	Dunlay et al.	11-23-1999
	5,987,390	B1	Ladunga	11-16-1999
	5,972,639	B1	Parandoosh	10-26-1999
	5,972,629	B1	Niman	10-26-1999
	5,919,646	B1	Okun et al.	07-06-1999
	5,891,646	B1	Barak et al.	04-06-1999
	5,874,219	B1	Rava et al.	02-23-1999
	5,864,488	B1	Issacs et al.	01-26-1999
	5,854,004	B1	Czernilofsky et al.	12-29-1998
	5,770,176	B1	Nargessi	06-23-1998
	5,705,335	B1	Hendry	01-06-1998

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature			Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Barak, et al.	)	Group Art Unit: 1645
	)	
Application No. 10/095,620	)	Examiner: Unassigned
	)	
Filed: March 12, 2002	)	
	)	
For: Automated Methods of Detecting	)	
Receptor Activity	)	

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

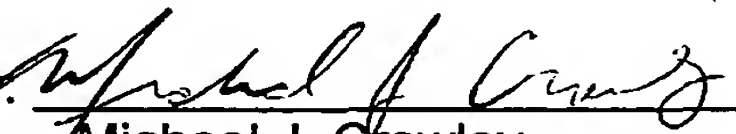
In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Michael J. Crowley  
Registration No. 49,009

P.O. Box 1404  
Alexandria, VA 22313-1404  
Phone: (919) 941-9240

Date: JUNE 19, 2002

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Barak, et al.	)	Group Art Unit: 1645
	)	
Application No. 10/095,620	)	Examiner: Unassigned
	)	
Filed: March 12, 2002	)	Confirmation No.: 8608
	)	
For: Automated Methods of Detecting	)	
Receptor Activity	)	

**SECOND INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

No additional fee for submission of an IDS is required.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(919) 941-9240

Date: AUGUST 23, 2002

By: Michael J. Crowley  
Michael J. Crowley  
Registration No. 49,009

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Barak, et al.	)	Group Art Unit: 1645
Application No. 10/095,620	)	Examiner: Unassigned
Filed: March 12, 2002	)	Confirmation No.: 8608
For: Automated Methods of Detecting	)	
Receptor Activity	)	

**SECOND INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of the document cited is enclosed.

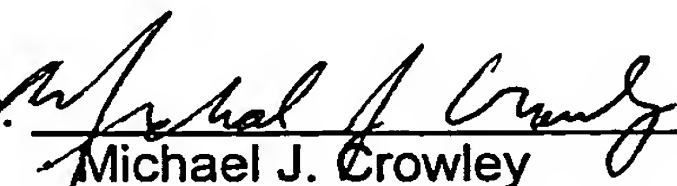
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

This document was cited in the International Search Report. A copy of the report is also enclosed.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Michael J. Crowley  
Registration No. 49,009

P.O. Box 1404  
Alexandria, VA 22313-1404  
Phone: (919) 941-9240

Date: AUGUST 23, 2002

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	ATTORNEY'S DKT NO. 033072-030	APPLICATION NO. 10/095,620
	APPLICANT Larry S. Barak, et al.	
	FILING DATE March 12, 2002	GROUP 1645

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication (MM-DD-YYYY)
	Number	Kind Code (if known)		
	5,912,122	B1	Daggett et al.	06-15-1999

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no

NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
Examiner Signature	Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.